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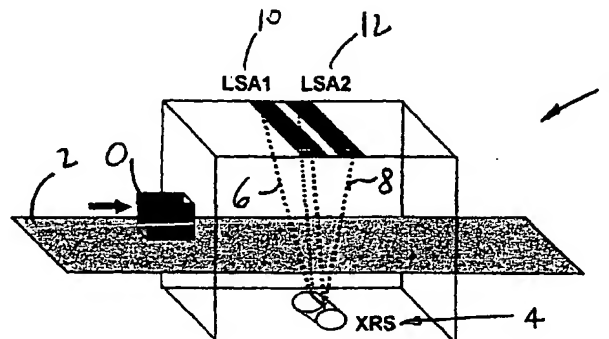
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(54) Title: STEREOSCOPIC X-RAY IMAGING APPARATUS FOR OBTAINING THREE-DIMENSIONAL COORDINATES



(57) Abstract: A screening device (1) for use in scanning objects for security checking or medical observation includes an X-ray source (4) providing two beams (6, 8) for projection at the object, a linear sensor array (10, 12) being provided for each beam whereby an intensity map and a motion map is generated to provide depth information from which a 3D image can be generated and viewed.

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